## ISSUE SLIP STAPLE AREA (for additional cross references)

|         |       | DATE    |  |  |  |  |  |
|---------|-------|---------|--|--|--|--|--|
| 1,100   |       | 1 4 80  |  |  |  |  |  |
| ://US/J | 48    | 1/13/00 |  |  |  |  |  |
|         | VIFF  | 27-00   |  |  |  |  |  |
|         | (off) | 8.27.00 |  |  |  |  |  |
|         | Mig   | Nig 48  |  |  |  |  |  |

## **INDEX OF CLAIMS**

|   | Rejected                   | N Non-elect |  |
|---|----------------------------|-------------|--|
| _ | (Through numeral) Canceled | A Appeal    |  |
| ÷ | Restricted                 | O Objected  |  |

|          |                   |              |            |                |           |              | =            | •••••             |              |              |                |       |          | Allow    | red     |         |          |              | ı  |            |          |            |          |       |               |            |          |          | nce      | 3        |          |          |          |          |          |          |
|----------|-------------------|--------------|------------|----------------|-----------|--------------|--------------|-------------------|--------------|--------------|----------------|-------|----------|----------|---------|---------|----------|--------------|--|------------|----------|------------|----------|-------|---------------|------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|          |                   |              |            |                | -1        |              | _            | (Th               | LOR          | gh r         | ายกา           | erai) | ) (      | Canco    | eled    |         |          |              | Α  | •••        |          | ••••       |          |       | •••••         | Ap         | pea      | 3        |          |          |          |          |          |          |          |          |
|          |                   |              |            |                | J         |              | ÷            | •••••             | ζν           |              | •••••          | ••••• | l        | Restr    | icte    | d       |          |              | 0  |            | •••••    | ••••       | •••••    | ••••• |               | . Ot       | jec      | ted      |          |          |          |          |          |          |          |          |
| _        |                   | ۰            | $T_{J}$    | خا             | ٥.        | 2            |              | ~                 | 8            |              |                |       | _        |          |         |         |          |              |  |            |          |            |          | _     |               |            |          |          |          |          |          |          |          |          |          |          |
|          | Claim             | علا          | <u>ر</u> ۷ | <u> </u>       | <u>~`</u> | $\mathbf{V}$ | ate          | X,                | د و          | 9            |                |       | Ci       | aim      |         |         |          | Da           | te   |            |          |            |          | J     | Cla           | im         |          |          |          |          | Da       | te       | •        |          |          |          |
| ٠        | =                 | 10           | to         | 1              | 1,        | 9:           | <u>s</u> .   | X                 | ۲            | 1            |                |       |          | ᆲ        | 1       |         |          |              |  | Ι          |          |            | Π        | l     |               | 쿕          |          |          |          | Γ        |          |          | Η        |          | Г        | Γ        |
| ı        | Final<br>Orleinat | Ň            | ١          | ₹0             | ル         | 1:           | 3:           | $\mathcal{I}_{i}$ | <i>?</i> `£  | 4            |                |       | 夏        | Original | 1       | 1       | 1        | 1            | ı  |            |          |            | ı        |       | Fa            | Original   | ١        | 1        |          | 1        | l        |          |          | ļ        | l        | ı        |
| L        | فإ                |              | 11         | Ď              | 7         | Q.           | $\mathbf{Z}$ | *                 | 7            | 1            | L              |       | Œ        | Ŏ        | ᆚ       | ⊥       | 上        | 丄            | L_   | L          | L        | 丄          | L        | ]     | 匝             | ð          | $\sqcup$ |          |          | L        |          |          |          | _        | <u> </u> |          |
| L        |                   |              | 1          | <u>יין</u>     | V         | Дs           | Ш            | <u>/  \</u>       | $\coprod$    | <u>/</u> L   | L              | 1     | L        | 51       | ᆚ       | $\perp$ | 上        | L            | L  | L          | L        | L          | L        | ]     |               | 101        |          |          |          |          | L        |          |          |          |          |          |
| L        |                   | Ľ            | 乚          | 栏              | <u> </u>  | (يە          | 坐            | لال               | KL           | Ľ            |                | ]     | L        | 52       |         | ┸       | L        | ┸            |  |            |          | L          | <u>1</u> | j     |               | 102        |          |          |          |          |          |          | L        | <u>L</u> | L        | L        |
| Ĺ        | $\perp$ L         | IIL.         | L          | W              |           | <u>/[`</u>   | <u> </u>     | ďΧ                | $\mathbb{L}$ |              | L              |       |          | 53       |         |         |          | L            |  |            |          | L          |          | ]     |               | 103        |          |          |          |          |          | Ι-       |          |          |          | Γ        |
|          | 4                 | Ш            | Ц          | Ш              | Ш         | Ц            | V            | <u> </u>          | $\Delta$     | 4            | L              | ]     |          | 54       | $\perp$ |         | L        | Ľ            |  |            |          | Ľ          | L        | ]     |               | 104        |          |          |          |          |          |          |          | $\Box$   |          | L        |
| L        | Ш                 | Ш            | Ц          | Щ              | Щ         | Ш            | 41           | Ш                 | Ш            | ┸            | L              |       | ᆫ        | 55       | $\perp$ | ┸       | $\perp$  | ⊥_           | 乚  | <u> </u>   | L        | L          | L        | ļ     | oxdot         | 105        |          | _        |          | L        | 匚        | L        | L        | L        | L        | L        |
| L        |                   | Щ_           | Ц          | Щ              | Ц         | Ш            | ЩХ           | (IX               | Ц            | 1            | L              | ļ     | ᆫ        | 56       | 4       | ┸       | ┸        | ↓_           | L  | ╙          | L        | L          | ┺        | 1     |               | 106        | _        |          |          | L.       | L        | L.       | L        | L        | 乚        | L        |
| L        | 14                | Щ.           |            | Ш              | Ц         | Щ            | Щ            | 孙                 | Ų.;          | 4            | $\perp$        |       | ㄴ        | 57       | 4       | 4       | 1.       | ↓            | ┖  | <u> </u>   | L.       | L          | ┖        | 1     | L             | 107        | _        | _        |          | ᆫ        | L        | L.       | L        | ᆫ        | L        | L        |
| ŀ        | لال               | WL,          | L          | Ш              | Ц         | Ш            | ЦΣ           | 42                | אַנ          | 4            | 1_             | ļ     | L        | 58       | 4       | 4       | ╄        | ╄            | L  | Ļ          | L        | <u> </u>   | L        | ]     |               | 108        |          | _        | _        | L_       | _        |          | _        | L        | L        | L        |
|          | <u> </u>          | Ψ            | Н          | T)             | <u> </u>  |              | ļΝ           | עוְיַ             | Ώ            | $\perp$      | <u> </u>       |       | <u> </u> | 59       | 4       | ┸       | ↓_       | ↓            | <u> </u>                                     | L          | L        | ┖          | ╀        | 1     | $oxed{oxed}$  | 103        | _        | _        |          | L        | L        | ļ        | L_       | L        | ᆫ        | L        |
| - حيد    | 4                 | 11           | Н          | A              | 2         |              | ¥            | 4)                | Ţχ           | 4            | Щ              |       | 느        | 60       | 4       | +       | $\bot$   | ↓_           | ļ  | _          | ļ        | ┡          | ↓_       | 1     | _             | 110        | _        | _        | _        | L        | <u> </u> | L        | ╙        | L        | L        | L        |
| ~  -     | -11               | Щ            | Н          | Ц¥             | N         | 4            | 43           | 42                | <u>4)</u>    | 4            | ╀              |       | <u> </u> | 61       | 4       | 4       | ╄        | ╄            | ļ.,  | <u> </u>   | <u>Ļ</u> | <b> </b> _ | L        | Į     | $\vdash$      | 111        | 4        | _        | ·        | _        | L        | _        | _        | L        | ᆫ        | Ļ        |
| L        | 12                | Ш            | Н          | Щ.             | 11        | Щ            | 4            | 44                | <u>4</u> V   | 1            | ↓_             |       | L        | 62       | 4       | 4       | ╄        | 1_           | 上  | _          | _        | L-         | _        | 1     | _             | 112        | 4        | _        |          | <u> </u> | <u> </u> | <u> </u> | L        | <u> </u> | L        | L        |
| }        | - 13              | Щ            | Н          | Щ.             | H         | $\perp$      | ЦΖ           | Y)                | ЦX           | 4            | ↓_             |       | ⊢        | 63       | 4       | - -     | 4        | 1            | ⊢  | _          | ╙        | ┖          | ┖        | Į     | _             | 113        | 4        | _        |          | <u> </u> | <u> </u> |          | <u> </u> | <u> </u> | L        | L        |
| ŀ        | -13               | V            | ┞-         | Ш              | 44        | 4            | Ш            | 4                 | ╁            | ╄            | ـــ            |       | <u> </u> | 64       | 4       | 4       | ╁-       | ↓_           | <u>                                     </u> | <u> </u>   | ┡        | ╙          | ▙        | ļ     | _             | 114        | 4        | _        |          | <u> </u> | L        | _        | <u> </u> | _        | _        | L        |
| ·  -     | - 17              | Щ            | L          | ₩.             | Ų         | , _          | Ш            | Ш                 | 44           | ╄            | ▙              |       | <u> </u> | 65       |         | +       | ╄        | ╄            | <u> </u>                                     | <b> </b> _ | ┞-       | ļ          | ┞        | ı     | -             | 115        | -        | 4        |          | L        | ┡        | <u> </u> | L_       | _        | Щ        | L        |
| -        |                   | ĮΥ           | Н          | Ш              | N         | _            | Ш            | Ш                 | 44           | ┼            | 1              |       | _        | 66       | 4       | +       | +        | ╄            | <b> </b>                                     | ļ          | ├-       | ├-         | ┞-       | Į     |               | 116        | 4        | _        |          |          | <u> </u> | Щ        | <u> </u> | Щ        | _        | L        |
| F        | _424              | 1            | Н          | Щ              | IJ        | Щ,           | 41           | 44                | ++           | ╀            | -              |       | _        | 67       | +       | +       | +-       | ╄            | <u> </u>                                     | ├          | <u> </u> | ⊢          | ├-       | l     |               | 117        | 4        | -        |          | _        | <u> </u> |          | <u> </u> |          |          | L        |
| - 1      | -11               |              | Н          | #              | Н         | Ш            | Ш            | ++                | +1           | ╀            | H              |       | ┞        | 68       |         | +       | ╄        | ╀            | -  | ├          | ⊢        |            | ┞-       | Į.    | -             | 118        | 4        | -4       | _        | _        | <u> </u> | _        | Η.       |          |          | Ļ        |
| F        |                   | 4_           | Н          | #              | Н         | 4            | Ш            | Н                 | 44           | 4_           | Н              |       | Ľ        | 69       | 4-      | 4       | ↓_       | ↓_           | L  | <u> </u>   | <u> </u> | <b> </b>   | <b> </b> |       | $\vdash$      | 119        | 4        | _        | _        | _        | <u> </u> | -        |          | Щ        | L        | L        |
| Ļ        | _4                | <u>'</u>     | Ц          | Щ              | Ш         | Ц            | Щ            | Щ                 | Ų            | 1            | Ц              |       | L.       | 70       | 4       | _       | ╄        | ╙            | L  | Ш          | L        | L          | ┖        |       |               | 120        | _        | _        |          | Ш        | Ш        |          |          | L        | Ш        | L        |
| .  -     | _ 4               | 4_           | Ц          | 11             | Ц         | Ш            | X            | Ϋ́                | ΊX           | 1            | Ŀ              |       | L        | 71       | 4       | 4       | ╄        | ╙            |  | L.,        | L        | L          | ᆫ        | ļ     | Щ             | 121        | 4        |          |          | _        | <u>L</u> |          | L        | $\Box$   | L        | L        |
| -        | 22                | 1            | Ц          | 44             | Н         | Ш            | 17           | Ųν                | <u> </u>     | 1_           | Ш              |       | Ш        | 72       | 4       | 1       | 1_       | L            |  | Ш          | L        | _          | ㄴ        |       | $\overline{}$ | 122        | 4        | _        |          | _        | _        |          | L.,      | Ш        | ᆫ        | L        |
| F        | 1                 | 4_           | Ц          | #              | H         | Н            | М            | Щ.                | μ×           | ╄-           | Ш              |       |          | 73       | 4       | +       | ╄        | ┞            | _  | L          | _        | L_         | ļ        | l     |               | 123        | 4        |          | _        | Ш        | Ш        | L        | L        | _        | Щ        | L        |
| ŀ        | - 177             | <del> </del> | Н          | #              | 11        | #            | ₩            | 1)                | 4            | ╀-           | Н              |       | Н        | 74       | +       | +       | ╀        | <b>!</b>     | -  | Ш          | -        | _          | <u> </u> |       | -             | 124        | 4        | -        | _        | L        | oxdot    |          | _        | _        | Щ        | L        |
| ŀ        | 1                 | +            | Н          | Н.             | Н         | Н            | ╁            | 1/                | Y.           | ╀            | Н              |       | Н        | 75       | ╁       | +       | ╀        | ⊢            | <u> </u>                                     | _          | L        | ļ          | <u> </u> |       | -             | 125        | 4        | -        |          | <u> </u> | L.       | _        | Щ        | Ш        | <u> </u> | Ļ        |
| -        | 1                 |              | ₩          | <b>'  ¥</b>    | Н         | #            | 40           | Υ,                | 43           | 4            | Н              |       | Н        | 76       | +       | ╀       | ╄        | ⊢            | <u> </u>                                     |            |          | -          | ⊢        |       | -             | 126        | 4        |          | _        | _        | _        | Ш        | _        | _        | L        | L        |
| +        | 27                |              | ۲,         | _              | H         | Н            | Ŕ            |                   | ١,           | ļ            | Н              |       | Н        | 77       |         | +       | ┼        | ┞            | -  |            | Н        | ⊢          | ⊢        |       |               | 127        | $\dashv$ |          | _        | ┝        | Н        | _        |          | _        | ┞┈       | ļ.       |
| +        | 12                |              | ⊢          | V              | لا        | ZΨ           | <u>4×</u>    | ΨX                | 1            | <del> </del> | Н              |       |          | 78       | 4       | +       | ╄-       | ⊢            | $\vdash$                                     | Н          | Н        | H          | <u> </u> |       | _             | 128        | 4        | 4        | _        | L        | _        | <u> </u> | _        |          | L        | Ļ        |
| ┝        | 29                |              | ┞          | ╄              | ╀         | ╀.           | ┸            | ₩                 | 17           | ⊬            |                |       | Н        | 79<br>80 | +       | +       | ╀        | H            | $\vdash$                                     |            | Н        | L          |          |       | -             | 129        | +        | $\dashv$ | _        |          | _        |          | _        |          | Н        | H        |
| ۲        | 30                | 1            | ┝          | ┼              | ╀         | Ŧ            | +            | ₩                 | #            | +-           | Н              |       | Н        | 81       | +       | +-      | ┼        | -            | Н  |            | H        | $\vdash$   | L        |       | -             | 130        | +        | -+       | _        | L.       | Щ        | -        | Щ        | Н        | Н        | L        |
| كاليت    | 32                | -            | H          | ╁              | ╀         | ╁            | ╀            | ₩                 | ₩            | ┼-           | Н              | -     | -        | 82       | +       | +-      | ╁╾       | $\vdash$     | Н  |            | -        | H          | ⊢        |       | _             | 131        | -        | $\dashv$ | -        | <u> </u> | _        | _        | _        | Н        | Н        | H        |
| ~ <br> - | 32                |              | ⊢          | ╂              | ⊢         | ╁╌           | ╀            | ₩                 | H            | ╁╌           | $\vdash$       | -     | $\dashv$ | 83       | +-      | ┿       | ⊢        | -            | Н  |            | -        | Н          | ┝        |       | -             |            | +        | +        | -        | $\vdash$ | _        | H        | $\vdash$ | $\vdash$ | Н        | H        |
| -        | 34                |              | ┝          | ┼-             | ┝         | ╀            | ╀            | ₩                 | ₩            | 4-           | Н              | .     |          | 84       | ╫       | ┿       | ⊢        | ├-           | Н  |            | Н        | Н          | ⊢        |       |               | 133        | ┥        | -        |          |          |          | Н        | _        | -        |          | ┝        |
| +        | 35                | _            | $\vdash$   | +-             | $\vdash$  | ╁            | +-           | ᄬ                 | ╀            | +            | $\vdash\vdash$ | ł     |          | 85       | +       | +       | ╁        | ╂            | $\vdash$                                     | Н          | Н        | H          | $\vdash$ |       |               | 135        | +        | +        |          | $\vdash$ | Н        | Н        | -        | Н        | Н        | H        |
| ┝        | 36                |              | -          | ⊢              | ⊢         | ╀            | ╁╌           | ╀                 | ╁╌           | ⊢            | Н              | ł     |          | 86       | +-      | ╁       | ╀        | $\vdash$     | -  |            | Н        | -          | Н        | ŀ     | _             | 136        | +        | -        | -        | Н        | Н        | Н        | $\vdash$ | Н        | Н        | ┝        |
| ┟        | 37                | $\vdash$     | H          | ╁              | ⊢         | ╁            | ┿            | ╁╴                | ╁            | ╁            | Н              | ŀ     |          | 87       | ╌       | ┿       | ⊢        | <del> </del> | -  |            | Н        |            | Н        |       | _             | 137        | +        | $\dashv$ | $\dashv$ | Н        | -        | Н        | -        | Н        | Н        | ┝        |
| ┢        | 38                | Н            | -          | ┢              | ╁         | ╁            | ╁╌           | ╁╌                | ╁            | ╆            | Н              | ŀ     |          | 88       | ╁       | ┿       | ╁        | H            | Н  | $\dashv$   | H        | Н          | ⊢        |       | _             | 38         | +        | $\dashv$ | $\dashv$ | Н        | Н        | Н        |          | -        | Н        | H        |
| H        | 39                |              | ⊢          | <del>  -</del> | ┢         | ţ,           | ┿            | ╁                 | $\vdash$     | ╁╴           | Н              | 1     |          | 89       | +       | ┿       | ╁        | $\vdash$     |  | $\dashv$   | Н        |            | $\vdash$ |       |               | 39         | ╅        | ┪        | -        | -        | Н        | Н        | -        | H        | Н        | ┝        |
| H        | 40                | •            | H          | ╁              | ⊢         | ╁            | ╈            | ╫                 | ╁            | ╆            | Н              | ł     |          | 90       | ┿       | ┿       | Н        | H            | Н  |            | Н        | $\vdash$   | ⊢        |       | $\rightarrow$ | 40         | +        | +        | $\dashv$ | -        | Н        | Н        | -        |          | Н        | ┝        |
| -        | 41                |              | ┝          | ├              | ╂         | ╁            | +            | ╁                 | ╁┈           | ╁            | Н              |       |          | 91       | ╁       | ┿       | ⊢        | Н            | Н  | $\dashv$   | Н        | -          | -        |       | Н             | 141        | ┰        | +        | -        |          | -        | -        |          | -        | -        | ⊢        |
| $\vdash$ | 42                |              | ┡          | ├-             | ╀         | ╀            | +-           | ╀                 | +            | +            | Н              | }     |          | 92       | ┰       | +-      | ⊢        | ⊢            | Н  | $\dashv$   | Н        | Н          | Н        |       |               | 142        | +        | 4        | _        | Н        | Н        | Н        |          | Ш        | Н        | $\vdash$ |
| F        | -                 |              | $\vdash$   | ⊢              | ⊢         | ╀            | ╁            | ╄                 | ╄            | ┡            | Н              | ŀ     |          | _        | ┿       | +-      | $\vdash$ | Н            | $\vdash$                                     | _          | $\vdash$ | Н          | Н        |       |               | 142        | +        | +        | -        | Н        | Щ        | $\vdash$ | $\dashv$ | Щ        | Н        | $\vdash$ |
| 8        | _                 |              | $\vdash$   | ⊢              | ┝         | ╀            | ╀            | ╁                 | ╀            | ⊢            | Н              | - }   |          | 93       | +-      | ╫       | $\vdash$ | Н            |  | 4          | Н        | Н          | Н        |       | _             | _          | +        | $\dashv$ |          | $\vdash$ | ÷        | Щ        | Щ        | Щ        | Н        | $\vdash$ |
| 7.       | 44                | Н            | ⊢          | -              | ⊢         | ╄            | +-           | +-                | ╀            | ₩            | Н              | ŀ     |          | 94<br>95 |         | +-      | ⊢        | Н            | 닉  |            |          | ÷          | Н        |       |               | 45         | +        | +        | 4        | $\vdash$ | Н        |          | -        |          | Н        | ⊢        |
| , K      | 46                | Н            | -          | $\vdash$       | ŀ         | ╀            | +            | ╀                 | $\vdash$     | ╂            | Н              | ŀ     | _        | 96       | +-      | +       | ┼        | $\vdash$     | $\vdash$                                     | -          | $\dashv$ | $\vdash$   | Н        |       |               | 46         | +        | -+       | 4        | Н        | Н        | Н        | $\dashv$ | -        | Н        | ⊢        |
| ┝        | 47                | H            | -          | ⊢              | $\vdash$  | +            | +            | ╁                 | ┝            | $\vdash$     | Н              | ŀ     |          | 97       | ╁╴      | +       | $\vdash$ | H            | $\vdash$                                     | _          | Н        | Н          | Н        |       |               | 46         | +        | +        | 4        |          | Н        | Н        | $\dashv$ | $\dashv$ | Н        |          |
| $\vdash$ | 48                | Н            | -          | $\vdash$       | $\vdash$  | ⊢            | +-           | $\vdash$          | ╀            | H            | Н              | ŀ     |          | 98       | +       | ╀       | ⊢        | Н            | $\vdash$                                     | _          |          | Н          | $\vdash$ |       |               |            | +        | +        | 4        | щ        | Н        | Н        |          | _        | Н        | ┝        |
| $\vdash$ | 49                | ╁┤           | -          | -              | $\vdash$  | +            | ┿            | ╁                 | ╀            | Н            | Н              | ŀ     |          | 99       | +-      | +       | 1        | $\vdash$     | $\dashv$                                     | $\dashv$   | Н        | Н          | Н        |       | _             | 48         | +        | -        |          | Н        | Н        | Н        | Ч        | $\dashv$ | Н        | ⊢        |
| -        | 50                | ┝╌┤          |            | ⊢              | ⊢         | ╀            | +-           | +-                | ⊢            | Н            | Н              | ŀ     |          | 100      | ┿       | ╁       | $\vdash$ | Н            | -  | -          | $\dashv$ | $\vdash$   | Н        |       |               | 148<br>150 | +        | +        |          |          | Н        | $\dashv$ | $\dashv$ | $\dashv$ | Н        | H        |
|          |                   | -            | _          | Щ.             |           | _            | _            | ۰                 | •            | <u> </u>     | نب             | L     |          |          |         | _       | —        | ـــا         | _  |            |          |            | لـــا    |       | ئے            |            | Ц.       |          |          |          |          | ليب      |          |          | ш        | Щ.       |

If more than 150 claims or 10 actions staple additional sheet here

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